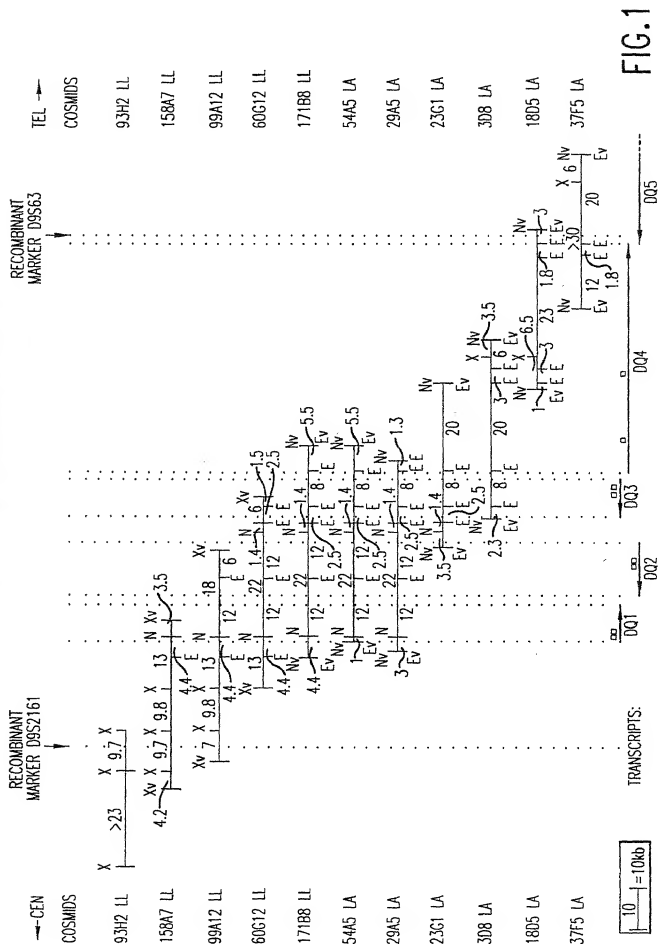


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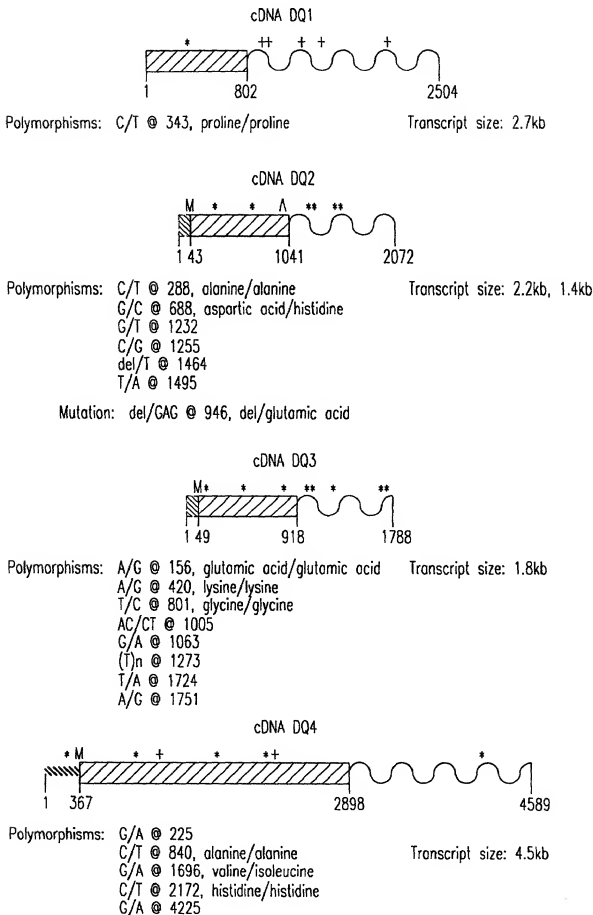


FIG.2

Fetal torsin A Adult

FIG. 3A

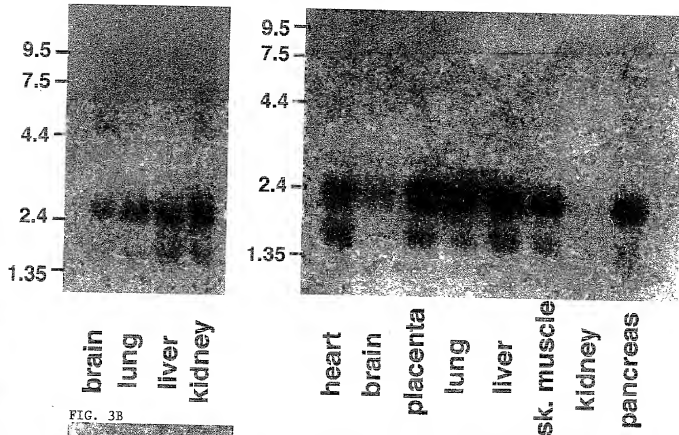
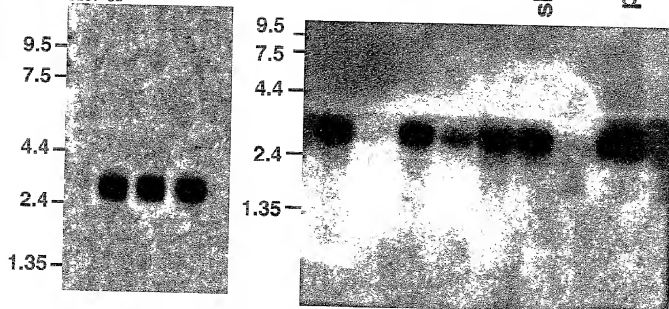


FIG. 3B



torsin B

0972405.012601

—A—ATP-BINDING DOMAIN—D—

MS

PKC * CK2

TorsinA --EIDEDISVRVAEEMITTFPKCEKRFVSQSGCKTFFITKLINYYDD
 TorsinB --AIDEDIVTRVAEEMITFPODEKIVTSQGECKTVQSRLDFH
 TorpC1 DLVSNDVIFVERVLNLSQITFFPKESQAFSSSGCKRV
 Torp1 --EPARNFVRRCITDITFYFEVEGKIVTSQGECKTVASRLTFFL
 Torp2 --LKYCELTDEIAQMVIYVPEKEQLFSSSGCKSIXGRILKLIPVMXG

FIG. 4A

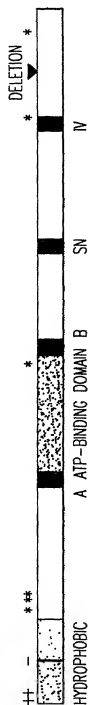


FIG. 4B